Truncation of strata is attributed to (1) downcutting associated with either a lowering of sea level or strong

marine currents, and (2) wave-base

erosion across a growing early Coniacian fault or monocline.

TD 6,042 FT

About 75 percent of the oil produced

in the greater San Juan Basin area

is from the Tocito Sandstone Lentil.

TD 5,809 FT

TD 4,942 FT

Base of Juana Lopez Member is the

boundary between Greenhorn cyclothem below and Niobrara cyclothem above.

TD 4,720 FT

Dakota Sandstone (Kd)

Morrison Formation

TD 2,450 FT

differential compaction occurred during first

The Huerfanito Bentonite Bed correlated from type well east of well 9

does not seem to correlate with prominent bentonite bed thought to be

They may be two separate bentonite beds or one single bed that has been

offset by penecontemporaneous faulting or mass slumping and imbrication.

The fact that both beds lose their characteristic low-resistivity log

ing that time.

response between wells 11 and 13, and the variable, difficult-to-correlate resistivity patterns in the 200-300 foot interval below the Huerfanito suggests that down-to-the-north faulting may have occurred dur-

the Huerfanito north of well 13 (labeled Huerfanito Bentonite Bed?).